BUSINESS-GRADE DURABILITY

Hit the road with confidence. The VAIO® B Series notebook is built to endure the knocks, bumps and accidents common to frequent travel and day-in day-out computing.

Magnesium alloy casing helps protect against knocks and bumps.

Spill-resistant keyboard helps protect against accidental spills.

G-Sensor™ Shock Protection helps protect against sudden rough movements that could damage the hard drive[20]

SERIOUS PERFORMANCE

In addition to loads of RAM and ample storage, the VAIO® B Series notebook is also backed by Intel's new 2010 family of processors. This new processor line offers faster, smarter performance by dialing up power when you need it, and then scaling it back down when you don't to conserve energy.

WORLD-CLASS SERVICE AND SUPPORT

With onsite service[17] as part of the standard warranty, Sony delivers service and support tailored to the needs of businesses. In fact, the B Series notebook even features Sony's own VAIO Care™ software, an easy-to-use program that lets you tune-up, maintain, update and troubleshoot your VAIO® PC with just a couple clicks. It's like having your own IT department built into your PC.

EXCEPTIONAL DISPLAY

Brought to you by the company you trust to deliver amazing flat-panel TVs, the VAIO® B Series notebook delivers crystal-clear picture quality to make those long days in front of the computer a little easier to bear.

Specifications

Dimensions

Weight: 5.9 lbs (with standard battery)
Measurements: 14.27"(W) x 1.18-1.49"(H) x 10.51"(D)[5]

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: S1, Wireless on / off
Pointing Device: Electro-static touchpad
Security: Biometric Fingerprint Sensor
Trusted Platform Module (TPM) TCG Ver.1.2

Hardware

Keyboard: QWERTY, 82 keys with 2.0mm stroke and 19.05mm pitch
Camera: Built-in MOTION EYE® camera and microphone with face-tracking technology

Processor

Type: Intel® Core™ i7 - 620M
Speed: 2.66GHz[1] with Turbo Boost Technology up to 3.33GHz
Technology: Intel® Turbo Boost Technology[21]

Memory

Installed: 6GB (4GB+2GB)
Maximum: 8GB
Type/Speed: DDR3/1066

Hard Drive

Capacity: 500GB[2]
Speed: 7200rpm
Type: Serial ATA
Impact Protection: G-Sensor™ Shock Protection - Hard Disk Drive Protection[20]

Display

Screen Size: 15.4"[4]
Resolution: 1280x800

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ media slot (Standard/Duo) with MagicGate® functionality
One ExpressCard® /34 media slot
One Secure Digital (SD memory card) media slot

Audio

Sound System: Intel® High Definition Audio

Graphics

Processor: Intel® Graphics Media Accelerator HD Total Available Graphics Memory: 1760MB[12]
Chipset: Mobile Intel® HM55 Express Chipset
Max. External Resolution via VGA: 2048x1536
Max. External Display Resolution via HDMI™: 1920x1080[15]

Inputs and Outputs

Headphone Jack: 1
Microphone Input: 1
Port Replicator Connector(s): 1
DC-In: 1
Ethernet Connection (s): 1
HDMI™ Output: 1

Power

Battery Type: Standard Capacity Lithium-ion Battery
Estimated Battery Life: Up to 5 hours[7] Standard Capacity Battery
Up to 7.5 hours[7] Large Capacity Battery
Power Requirements: 86W + 10% or less

Software

Operating System: Microsoft® Windows® 7 Professional 64-bit[13]
Supplied Software: Microsoft® Office Ready

Service and Warranty Information

Telephone Support: 1 year toll-free technical assistance available 24/7[9] at 888-476-6972
Online and Email Support: Available at http://www.esupport.sony.com/EN/VAIO
Onsite/In-Home Service: 1 year limited warranty with Onsite/In-Home Service[17] . See actual warranty for details.
International Service: 1 year international service plan. Registration required. See http://esupport.sony.com/US/perl/support-info.pl?info_id=3633
Limited Warranty Term: 3 year limited warranty[8] . See actual warranty for details.

Environmental Information

EPEAT™: Silver
RoHS®: Compliant
ENERGY STAR®: 5.0

Optical Drive

CD Support: Read / Write (CD/-R/-RW)
DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Start-up Times

Average Boot Time: 60 sec[18]
Average Resume Time from Suspend: 2 sec[18]
First Boot Time: 5 min[19]

Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T
Ethernet Speed: Fast Ethernet (RJ-45)
Wi-Fi: 802.11 b/g/n[3]
Bluetooth® Technology: Integrated Stereo A2DP (2.1 + EDR)[11]

Software

Anti-Virus Software: Norton Internet Security™ 2010 30-Day Trial Offer[14]

Inputs and Outputs

Internal Microphone: 1

Software

System Maintenance and Support: VAIO Care™ - System diagnostics and maintenance

Supplied Accessories

Standard Lithium-ion battery (5000mAh)
AC Adapter
Power Cable

Optional Accessories

Large Capacity Battery (VGP-BPL21)
Additional Standard Capacity Battery (VGP-BPS21A/B)
AC Adapter (VGP-AC19V31)
Port Replicator (VGP-PRBZ1)
Privacy Filter (VGP-FL15)
Bluetooth® Remote Mouse[11] (VGP-BMS80)
Bluetooth® Mouse[11] (VGP-BMS55/B)
Bluetooth® Keyboard[11] (VGP-BKB1)

Other

Color: Black
UPC Code: 027242793941

Footnotes

1. GHz denotes microprocessor internal clock speed and may vary.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Viewable area measured diagonally.
5. Measured at the narrowest point.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
8. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.esupport.sony.com, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913
9. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
10. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
11. Interoperability and compatibility among Bluetooth® devices vary.
12. Total Available Graphics Memory refers to the new Windows® 7 classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
13. Compatibility and performance in a 64-bit environment may vary.
14. Norton Internet Security™ 2010 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
15. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
16. Broadband Internet service required along with third party services which may require a subscription or other service fee.
17. When available, Sony will provide Onsite/In-Home Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite/In-Home Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite/In-Home Service may not be available in all locations.
18. Based on original factory image and will vary with product configuration changes and additional software added to the hard drive.
19. Excluding end user interaction.
20. G-Sensor™ Shock Protection will not work on pre-installed or downgraded Windows® XP Professional models. Windows® 7 is required for feature functionality.
21. Intel Turbo Boost Technology performance varies depending on hardware, software and overall system configuration. Check with your PC manufacturer on whether your system delivers Intel Turbo Boost Technology. For more information, see http://www.intel.com/technology/turboboost

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice. Non-metric weights and measures are approximate and may vary.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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